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National Standard of the People's Republic of China

GB/T 1228—2006
Replacing GB/T 1288—1991

High Strength Bolts with Large Hexagon Head for Steel Structures

钢结构用高强度大六角头螺栓

[ISO 7412:1984, Hexagon bolts for high strength structural bolting with large width across flats (short thread length)—Product grade C Property classes 8.8 and 10.9, NEQ]

Issued on Match 27, 2006 Implemented on November 1, 2006

Jointly issued by General Administration of Quality Supervision, Inspection and Quarantine headquarters of People's Republic of China and Standardization Administration of the People's Republic of China

Foreword

This standard is correspondent to ISO 7412: 1984 "Hexagon bolts for high strength structural bolting with large width across flats (short thread length)—Product grade C—Property classes 8.8 and 10.9", its grade with consistency grade of ISO 7412 is non equivalent.

This standard replaces GB/T 1228—1991 "High Strength Bolts with Large Hexagon Head for Steel Structures."

Compared with GB/T 1228 1991, major changes of this standard are as follows:

——It deletes pattern of screw bolt with double chamfer heads and concave screw bolt ("optional pattern on head" and "permissible manufacturing pattern" in figure of chapter 3 in GB/T 1228—1991).

This standard is one of the Chinese Standards serials "connect set for friction-type high strength bolt for steel structure." The series of standards also include:

——GB/T 1229—2006 High strength large hexagon nuts for steel structures

——GB/T 1230—2006 High strength plain washers for steel structures

——GB/T 1231—2006 Specifications of high strength bolts with large hexagon head, large hexagon nuts, plain washers for steel structures

——GB/T 3632—1995 Type and dimension for sets of torshear type high strength bolt hexagon nut and plain washer for steel structures

——GB/T 3633—1995 Technical requirement for sets of torshear type high strength bolt hexagon nut and plain washer for steel structures

This standard was proposed by Chinese Engineering Industry Association.

This standard is under the jurisdiction of National Technical Committee on Fasteners Standardization Administration of China.

This standard was drafted by China Academy of Railway Science.

This standard was drafted by: China Academy of Machinery Science & Technology, Shanghai High-Strength Bolt Factory, Central Research Institute of Building and Construction and Daye Steel